

CALIFORNIA COOPERATIVE SNOW SURVEYS

ESTABLISHED 1929



64th ANNUAL MEETING OF COOPERATORS

November 13-15, 2018

Kings Beach, CA

Final Agenda

Tuesday, November 13, 2018 – North Tahoe Event Center

Time	Description	Name	Agency
12:30 PM	Registration and Check-in		
1:00 PM	Statewide Monitoring Network Section introductions, goals, and vision	Bryan Prestel	DWR Statewide Monitoring Network (SMN)
1:15 PM	FTS Presentation	Brad Schaefermeyer	FTS
1:35 PM	Geonor	Jim Brylawski	Geonor
1:45 PM	Sierra Hydrographics	Dan and Dotty Garrigue	Sierra Hydrographics
1:55 PM	Alpine Hydromet	Anne Heggli	Alpine Hydromet
2:05 PM	Research Efforts at Central Sierra Snow Lab	Randall Osterhuber	UC Berkeley Central Sierra Snow Lab
2:30 PM	Afternoon Break		
2:50 PM	Field Work Completed – Sierra Hydrographics	Dan and Dotty Garrigue	Sierra Hydrographics
3:05 PM	Field Work Completed – PG&E	Tony Orozco	PG&E
3:20 PM	Manual Snow Survey Program	John King	DWR Snow Surveys
3:30 PM	Central California Field Work - DWR	Nick Ellis	DWR SMN
3:45 PM	Southern Sierra Field work - DWR	Bryan Prestel	DWR SMN
4:00 PM	Northern California Field Work – DWR	Sam DeSarno	DWR SMN
4:15 PM	Field Work in Yosemite National Park	Harrison Forrester	Yosemite NP
4:30 PM	Vendor Demos		
5:00 PM	Evening Break		
7:00 PM	Registration, Check-in, and Social Hour <i>Location: Lakeview Suite</i>		

Wednesday, November 14, 2018 – North Tahoe Event Center

Time	Description	Name	Agency
8:00 AM	Registration and Check-in		
8:30 AM	Welcome and Introductions	Sean de Guzman	DWR Snow Surveys
8:45 AM	DWR WY2018 Bulletin 120 Forecast Review	Andy Reising	DWR Snow Surveys
9:00 AM	B120 Forecast Equation Updates	Ashok Bathulla	DWR Snow Surveys
9:15 AM	Climate Outlook and Climate Program Update	Mike Anderson	DWR Hydrology
9:30 AM	California-Nevada River Forecast Center Updates	Peter Fickenscher	NWS-CNRC
9:45 AM	Forecast-Coordinated Operations Updates	Boone Lek	DWR Reservoir Coordinated Operations
10:00 AM	Morning Break and Poster Session		
10:20 AM	CCSS Cooperator Reports		Various
12:00 PM	Lunch – Onsite – Posters and Vendor Demos <i>Location: Lakeview Suite</i>		
1:15 PM	Permitting with the US Forest Service	Margaret Wood	USFS – Region 5

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Time	Description	Name	Agency
1:30 PM	Shasta-Trinity National Forest – Post Fire Effects	Marcus Nova	USFS – Trinity NF
1:50 PM	From Permits to Execution	Bryan Prestel	DWR Statewide Monitoring Network
2:20 PM	State Water Project Water Operations Update	Tracy Pettit and Andy Chu	DWR Water Management
2:45 PM	Afternoon Break and Poster Session		
3:00 PM	Snowbound: Legendary Winters of the Tahoe Sierra	Mark McLaughlin	Mic Mac Media
3:30 PM	San Joaquin PRMS Update	¹ Angelique Fabbiani-Leon and ² Nathan Burley	DWR ¹ River Forecasting and ² Reservoir Coordinated Operations
3:50 PM	Improving snow & streamflow modeling on the Feather River using intelligent information systems	³ Tessa Maurer, ³ Francesco Avanzi, and ⁴ Kevin Richards	³ UC Berkeley, ⁴ PG&E
4:15 PM	Emerging research towards California precipitation forecast challenges	Forest Cannon	Center for Western Weather and Water Extremes (CW3E)
4:40 PM	Watershed Coordination Breakout Sessions		
5:00 PM	Evening Break		
6:30 PM	Annual Banquet, <i>Location: Lakeview Suite</i> Dinner Talk Topic: “Culture Shock: Vigilantism & its Roots in the American West”	Mark McLaughlin Dinner Speaker	

Thursday, November 15, 2018 – North Tahoe Event Center

Time	Description	Name	Agency
8:30 AM	CDEC Updates	David Parker	DWR CDEC
8:45 AM	ASO Review 2018 and Plans for 2019	Judy Lai-Norling	NASA/JPL
8:55 AM	ASO Snow Depth and SWE Mapping; Lidar System Processing Overview	⁵ Kat Bormann and ⁶ Jeff Deems	⁵ NASA/JPL ⁶ NSIDC
9:25 AM	Automated Water Supply Model (AWSM) Updates with High-Resolution Rapid Refresh (HRRR)	Scott Havens and Danny Marks	USDA-ARS
10:00 AM	Morning Break and Poster Session		
10:15 AM	Sharing and Visualization of ASO/iSnobal Data through FERIX	Sean de Guzman	DWR Snow Surveys
10:30 AM	The San Joaquin perspective on the benefits and future of ASO	Jeff Payne	Friant Water Authority
10:50 AM	Forecasting for Environmental Flows - What does an accurate and timely runoff forecast buy you?	Chad Moore	USBR-SJRRP
11:10 AM	Real time snow water equivalent mapping in the Sierra Nevada using snow sensor data, distributed models, and satellite remote sensing	Noah Molotch	CU-Boulder INSTAAR
11:40 AM	Meeting Wrap-Up / Survey Response	CCSS Staff	DWR Snow Surveys

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